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Research Article

Only Biomedicines-Meals (BM) Act as the 'Preventive-Immunity-Booster-Community-Vaccine (PIBCV)' Against 'Omicron' Enriching Global-Public-Health Forestry-Agriculture-Environment-Biodiversity-Wildlife-Conservation-Medical-Research-Science-Technology-Communication-Applications (GPHFAEBWCMRSTCA)?

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Abstract

Introduction: The new-easily-fast-spreading-variant of SARS-CoV-2, B.1.1.529, is designated as a 'Variant-of-Concern (VOC)', the 'Omicron', now-suddenly-rise-of-more-transmissible-surprising-form, the "Sister", causing detrimental-COVID-19 that impacts on public health, especially breakthrough severity-of-illness due-to-reinfections-or-infections in fully-vaccinated-people, causing more-severe-illness-or-death than other-variants also. And the COVID-scientists are trying the actual reasons regarding the quick speedy transmission of the variant, intensity, and ability to evade vaccines. So, it will require COVID-vaccine-booster-doses to tackle the 'Omicron' as early-as-possible, and the main objectives of the present study are to find out the most suitable 'Preventive-Immunity-Booster-Community-Biomedicines-Vaccine (PIBCBV)'.

Methods: The mixing of fresh weeds-vegetables-fruits-spices-(WVFS); amaranth-okra-cowpea-cucumber-ginger-turmeric-(AOCCGT)@ (10g+25g+25g+35g+4g+1g=100g) respectively are prepared the 100g (a cup) of fresh-biomedicines-booster-meal-(BMBM)/ candidate (one-year to ninety-nine years-age-groups), taking-orally-in-different-forms @ twice-or-thrice/day (with any-kinds-of-nutritious-food) against naturally-occurring-coronavirus-2 infections-or-reinfections 45-days before COVID-19-infections, and in case-of-treatment, the dose may be increased depending on the intensity-of-diseases.

Results: The present-Booster-Combination-(BC) of Weeds-Vegetables-Fruits-Spices-(WVFS), the Biomedicines-Booster-Meals-(BMBM) have revealed-again that Preventive-Booster-Community-Biomedicines (PBCBM), are very-much-effective in controlling-diseases-by-boosting-natural-immunity-against coronavirus-2 with no side effects among the student's community.

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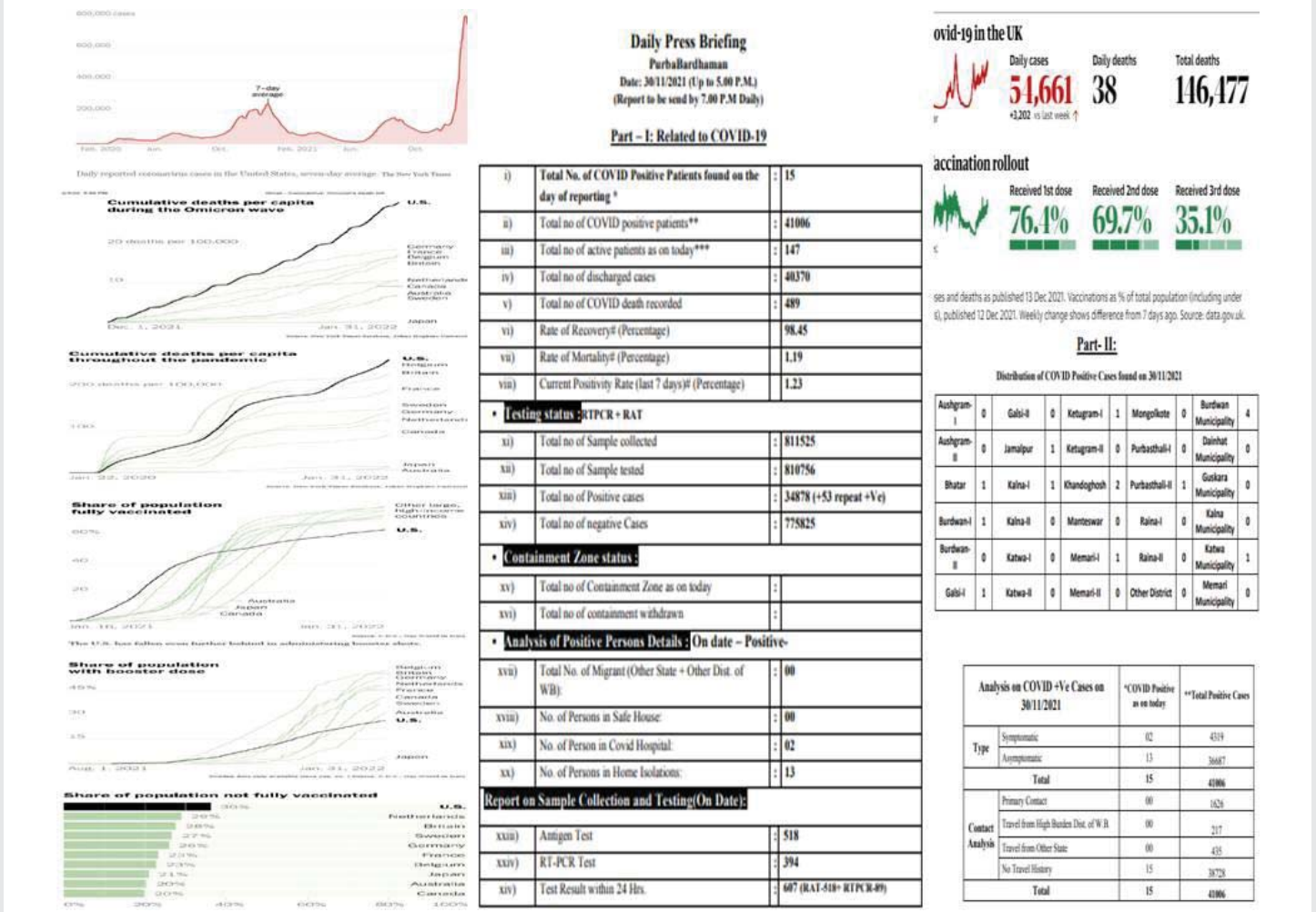
Conclusions: The Booster-Combination-(BC) of only-100g-Weeds-Vegetables-Fruits-Spices-(WVFS), the most cost-effective eco-friendly easily-manufacture-able easily-applicable easily-available, and side-effects-free 'Biomedicines-Meals (BMM)' not-only-serve as the 'Natural-Gift': "Potential-Preventive-Immunity-Booster-Community-Vaccine (PPIBCV) Against Omicron" enriching "Global-Public-Health-Forestry-Agriculture-Environment-Biodiversity-Wildlife-Conservation-Medical-Research-Science-Technology-Communication-Applications (GPHFAEBWCMRSTCA)" but also it acts-as-the "Nature's-Gift to Human-Disease-Free-Global-Healthy-New-Normal-Life" OR fulfill the "Vaccine-Nationalism-to-Vaccine-Equity-and-Vaccine-Passport". And in near future, it may be used mainly on "Public-Health-Epidemiology, Infectious-Diseases, and Pharmacology, Toxicology, Clinical-immunology, Clinical, and Bio-Medical-Education, and Pharmaceutical-Research also by developing different-forms-vaccines; ultra-high-diluted, steam-inhalation-therapy, etc., against 'Omicron-Deltacron-Rupacrone-Bodhicrone-Radhacrone-Futuracrone- like any-'Sister'-variant' OR 'Future-X-Disease' which easily-prepare and distribute-enough-vaccines to immunize the world's-population, and opening-a-path for the 'Future-X-Epidemic also' because-only-boosters-can-improve-immunity.

Introduction

The new easily fast-spreading bad-variant of SARS-CoV-2, B.1.1.529, is designated as a 'Variant-of-Concern (VOC)', the 'Omicron', and now-suddenly-rise-of-more-transmissible-surprising-form, the "Sister"-varient, including B.1.1.529, BA.1, BA.2 and BA.3, causing detrimental-COVID-19 that impacts on public health, especially breakthrough severity of illness due to reinfections or infections in fully vaccinated-people, causing more severe illness or death than other variants also (Figure 1; The New York Times and web pages) [1-4]. Scientists are puzzled to understand Omicron and the new more than 50 mutant SARS-CoV-2 variant causing the recent pandemic due to rapid and evade immunity, and they are assuming three key factors regarding evading immunity from vaccines or previous infections, transmissible limit, and the way and cause much severity. It has been already detected in South Africa, the United States, the United Kingdom, Japan, Hong Kong, Australia, India, and across Europe, and omicron has now been found in more than 70 countries and is rapidly gaining ground (Figure 1). And "The evidence that this is more transmissible is getting stronger every day," from Denmark, 53 out of 150 high school students who attended a party went on to test positive for Omicron [5]. Now the COVID-scientists are trying to find out the actual reasons regarding the quick speedy transmission of the variant, intensity, and ability to evade vaccines, and protection against infection, clinical disease, and death, comparison to other variants; and risk, control measures, public health, and social strategies [1]. Now there is no time to waste for 'Vaccine' equity, and in rare cases, coronavirus



i)	Total No. of COVID Positive Patients found on the day of reporting *	:	15
ii)	Total no of COVID positive patients**	:	41006
iii)	Total no of active patients as on today***	:	147
iv)	Total no of discharged cases	:	40370
v)	Total no of COVID death recorded	:	489
vi)	Rate of Recovery# (Percentage)	:	98.45
vii)	Rate of Mortality# (Percentage)	:	1.19
viii)	Current Positivity Rate (last 7 days)# (Percentage)	:	1.23
•	**Testing status :** RTPCR + RAT		
xi)	Total no of Sample collected	:	811525
xii)	Total no of Sample tested	:	810756
xiii)	Total no of Positive cases	:	34878 (+53 repeat +Ve)
xiv)	Total no of negative Cases	:	775825
•	**Containment Zone status :**		
xv)	Total no of Containment Zone as on today	:	
xvi)	Total no of containment withdrawn	:	
•	**Analysis of Positive Persons Details : On date – Positive-**		
xvii)	Total No. of Migrant (Other State + Other Dist. of WB):	:	00
xviii)	No. of Persons in Safe House:	:	00
xix)	No. of Person in Covid Hospital:	:	02
xx)	No. of Persons in Home Isolations:	:	13
	Report on Sample Collection and Testing(On Date):		
xxiii)	Antigen Test	:	518
xxiv)	RT-PCR Test	:	394
xiv)	Test Result within 24 Hrs.	:	607 (RAT-518+ RTPCR-89)

Aushgram-I	0	Gabi-II	0	Ketugram-I	1	Mongolkote	0	Burdwan Municipality	4
Aushgram-II	0	Jamalpur	1	Ketugram-II	0	Purbasthali-I	0	Dainhat Municipality	0
Bhatar	1	Kalna-I	1	Khandoghosh	2	Purbasthali-II	1	Guskara Municipality	0
Burdwan-I	1	Kalna-II	0	Manteswar	0	Raina-I	0	Kalna Municipality	0
Burdwan-II	0	Katwa-I	0	Memari-I	1	Raina-II	0	Katwa Municipality	1
Gabi-I	1	Katwa-II	0	Memari-II	0	Other District	0	Memari Municipality	0

Analysis on COVID +Ve Cases on 30/11/2021		*COVID Positive as on today	**Total Positive Cases
Type	Symptomatic	02	4319
	Asymptomatic	13	36687
Total		15	41006
Contact Analysis	Primary Contact	00	1626
	Travel from High Burden Dist. of W.B.	00	217
	Travel from Other State	00	435
	No Travel History	15	38728
Total		15	41006

Figure 1: COVID 19 report of United States, United Kingdom, different countries and Purba Bardhaman (The New York Times and web pages).

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vaccines may cause Long Covid–like symptoms, and in the United Kingdom, a COVID-19 human challenge trial was conducted where the viral load peaked at 5 days after exposure, but the active virus was still detectable in some people after 12 days, and the peak levels were highest in the nose, reinforcing the importance of wearing a face-covering over both nose and mouth[6-8]. So, it will require the most suitable COVID-vaccine-booster-doses to tackle the 'Omicron-Deltacron-Rupacrone-Bodhicrone-Radhacrone-Futuracrone'-like any-'Sister'-variant' OR 'Future-X-Disease' as early-as-possible.

It is reported that spices and herbs play a significant role against coronavirus or other viral infections as well as boosting immunity, and the role of herbal medicine also for controlling coronavirus (SARS-CoV-2) disease (COVID-19) [9,10]. The following important references about the newest updates with respect to the discovery of new compounds, natural regimens, and add-on therapies effective against SARS-CoV-2/COVID-19 must be added to this manuscript to strengthen it and give it much credibility[11-21].

Primarily it has been observed that the weeds; different kinds of amaranth, vegetables; okra and cowpea, fruits cucumber, and spices; ginger and turmeric, are very much effective Biomedicines (BM) against COVID-19 [22-34]. It is reported, "Okra Maybe Potential Cost-Effective Personalized-Biomedicines Social-Vaccine against COVID-19: Improved Immunity Food-Security Green-Economy Science-and-Technology-Communication Applications" [22,25,33]. It is the oldest widely cultivated-oligo purpose, used as traditional medicine, forming the "Nature's Gift to human disease-free healthy life" multipurpose crop [35-37] consumed in a variety of ways, fruits rich in vitamins, calcium, folic acid, carbohydrates, phosphorus, magnesium and potassium, iodine, mineral matters, and a good source of superior nutritional quality for human nutrition, and mature fruit and stems contain crude fiber, used in the paper industry and sugarcane industry of India, achieved first in the world. It is also known for several potential health beneficial effects on human diseases such as cardiovascular disease, type 2 diabetes, kidney diseases, skin infection, digestive diseases, some cancers, antioxidant, nootropic, eye, body immunity, blood pressure, obesity, asthma, constipation, heart disease, sexual health, and neurological disorders [38-40]. Like okra, the cowpea, fruits cucumber, and spices; ginger and turmeric contain a number of phytomedicines or biomedicine or bio-agents or bionematicides only stand as a suitable and useful against different plants, animals and human diseases caused by pathogens, and recently also have been identified to possess potential against SARS-CoV-2 / COVID-19 [41-47].

The plant-based vaccines and antibodies offer several advantages, like simple production, storage, higher yields, stability, and safety Recently, it is confirmed, "The different ultra-high-diluted-biomedicines-Ginger-/-Turmeric-with Biomedicines-Meal (BMM), acts as the 'Booster-Vaccine', against the recent mutant-typical-coronavirus-2 / 'Omicrons' by boosting natural immunity, and it is the most potential very-old-traditional side-effect-free environment-friendly easily prepare-able easily-manufacture-able equitable-marketable easily-available and supply-able, the best quality-nanoparticles-biomedical-Turmeric at extremely ultra-low doses, with BMM "From Vaccine-Nationalism-to-Vaccine-Equity—Finding a Path-Forward", forming the 'Community-Booster-Vaccine Standard-Model', of 'Future-X-Pandemic', The 'God-Particle' Enriching Family-Medicine Horticulture-Agriculture-Environment-Wildlife-Biodiversity-Conservation Public-Health Medical-Science-Technology-Communication-Socioeconomic Welfare-Issues. And these 'Standard-Model' like 'God-Particles Higgs-Boson' are easily-made enough vaccines to immunize the whole world's-population by forming different future 'Booster Vaccines' in deferent ways", and "Immediate Apply 'Emergency-Oral-Vaccine' of 'Omicron' Enriched' 'Clinical-Global-Health Medical-Research-Science-Technology-Communication Application-Issue' [22-34]. Some conventional vaccines though effective, have high production costs, involve tedious purification processes, and have bio-safety issues, requiring time-consuming bio-safety tests for commercial production [48] and recently it is informed that the available vaccines could be less potential against the fast-spreading-coronavirus-variant, 'Omicron-Deltacron-Rupacrone-Bodhicrone-Radhacrone-Futuracrone'-like-any-'Sister'-variant' OR 'Future-X-Disease,' from early-lab-results-suggestion, but boosters should improve immunity [49]. So, the main aims and objectives of the present study are; to find out more suitable cost-effective, and applicable for all, 'Preventive-Immunity-Booster-Community-Biomedicines-Vaccine' by using a very-low-amount; Weeds-Vegetables-Fruits-Spices-(WVFS); amaranth-Okra-Cowpea-Cucumber-Ginger and Turmeric (AOCCGT) (Plate 1), Booster Combination (BC) of bio-medicinal meals than the previous one, and to give some ideas for preventing the any 'Future-X-Epidemic'.

Material and Method

The study of Kanchannagar designs with the effective Community-Booster-Biomedicines-Meals (CBBMM) with the activities of a local Higher Secondary (HS) student, doctors; Dr. Dipanwita Malick, MBBS, and Dr. Ranjan Mukherjee, District Coordinator of Sishu Sathi Scheme at Department of Health and Family Welfare, Purba Bardhaman, Burdwan-713102, West Bengal, India, and Dr. Subhas Chandra Datta, team leader [28-34]. All the info was counted for statistical analysis by the analysis of variance (ANOVA) ($P<0.01$).

- Selection of Bio-Medicines Meals
- Sample Groups
- Place of Experiment and Duration
- Activity and Function of Students
- Preparation of Biomedicines Meal
- Recipe for Consumption
- Processing Methods
- Clinical Symptoms

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Plate 1: Amaranth, Cucumber, Cowpea, Okra, Ginger, and Turmeric; weeds-vegetables-fruits and spice meal with students-gathering.

- Clinical Treatments
- Collection of Data and Maintenance Records
- Observations
- Science and Technology Communication
- COVID Protocol.

Selection of Bio-MedicinesMeals (BMM)

The weeds; different kinds of amaranth (*Amaranthus viridis* L. cv. CO-1), vegetables; okra (*Abelmoschus esculentus* L. cv. Ankur-40) and cowpea (*Vigna ungyculata* L. cv.5269), fruits cucumber (*Cucumis sativus* L. cv. local Slicing variety), and spices; ginger (*Zingiber officinale* Rosc.) and turmeric (*Curcuma longa* L.), are prepared biomedicines meals (BMM) against COVID-19 (Plate 1) for preventive treatment measures as biomedicines [22-34].

Sample groups

For preventive treatment measures as biomedicine meals (BMM); the total preventive treatment sample groups are divided into three age groups; students (1-19 years), guardians (20-59 years), and veteran's (60-99 years), and the average number family member presenting-and-participating 1560, average number family visited 267, and the criteria of the study are the student's communities of Kanchannagar with below poverty line. The rest of the total populations of the Burdwan Municipality of Purba Bardhaman District, West Bengal, India, represent the control group (without biomedicines meals) [22-34,50]. All the information was counted for statistical analysis by 'ANOVA' ($P<0.01$).

Place of experiment and duration

Treatment and visited locality are the student's community of Kanchannagar D.N. Das High School (HS), Kanchannagar, Burdwan Municipality, with the duration of 6 months (from 08-04-2021 to 30-11-2021). All the info was counted for statistical analysis by 'ANOVA' ($P<0.01$) [22-34,50].

Activity and function of students

Maintaining all COVID-protocol, physically and virtually, the higher secondary (HS) students with the secondary students (SE) and guardian communities (GC) engaged the preventive treatment measures as biomedicine meals (BMM) under the leadership and guidance of headmaster and doctors, and the assistance of the Burdwan Medical College and Hospital and Chief Medical Officer of the Hospital (BMCH and CMOH) who supplied rapid antigen kits and examined (Table 1). All the info was counted for statistical analysis by 'ANOVA' ($P<0.01$) [22-34,50].

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Table 1: Impacts of biomedicines meals on students, guardian and veteran's family member regarding the infection or reinfection of coronavirus 2 / omicron of the student's community of Kanchannagar D.N. Das High School (HS).

Average Treatment Age Groups (years)	Treatment and Visited Area: Kanchannagar, Burdwan Municipality (08-04-2021 to 30-11-2021)						
	Average Number of Family Member	Average Number of Family Visited	Average COVID-19 Active Patient	Average COVID-19 Passive	Average Home Quarantine	Average Recovery	Remarks
I. Veterans: (60-99)	512b±00.06	89a±00.01	01b	03c	03c	04c (100%)	Reinfection occur only in aged and comorbid patients after 2nd dose vaccination
II. Guardian: (20-59)	687a±00.03	89a±00.01	02a	08b	10b	10b (100%)	Reinfection occur after 2nd dose vaccination
III. Students: (01-19)	361c±00.01	89a±00.01	01b	13a	14a	14a (100%)	Infection/ Reinfection occur
Total: (01-99)	1560	267	04	24	27	27 (100%)	Remarkable good results

a,b,c: Significant difference by 'ANOVA' (P≤0.01) in the same column.

Preparation of Biomedicines Meal (Bmm)

The fresh only100g (a cup) biomedicines-booster-meal (BMBM) is prepared by the mixing of weeds-vegetables-fruits-spices (WVFS); amaranth-okra-cowpea-cucumber-ginger-turmeric(AOCCGT) salad @(10g+25g+25g+35g+4g+1g) respectively [22-34,51].

Recipe for consumption

The BMBM; amaranth, cucumber, cowpea, okra, ginger, and turmeric (AOCCGT), are tasty delicacy found in many dishes, making it quite versatile vegetable, and consumed during a sort of ways and may be utilized in salads, soups, stews and sauces, chopped, sliced, fresh or dried, fried or boiled [22-34,47].

Processing methods

Different processing methods of vegetables and fruits plants; boiling, sprouting, steaming, frying, soaking, de-hulling, and grinding, are often combined to supply different meals [22-34,47].

Clinical symptoms

The observation of symptoms are fever, cough, tiredness, loss of taste or smell, sore throat, headache, aches, and pains, diarrhea, a rash on the skin, or discoloration of fingers or toes, red or irritated eyes [22-34,47].

Clinical treatments

After preparation a cup of the fresh 100g biomedicines-booster-meal (BMBM) only / candidate (one year to ninety-nine years-age-groups), taking-orally @ twice or thrice a day (with any kinds of nutritious food) against naturally-occurring-coronavirus-2 infections-or-reinfections 45-days before COVID-19-infections, and in case-of-treatment, the dose may be increased depending on the intensity-of-diseases [22-44,47,48,51].

Collection of data and maintenance record

The higher secondary (H.S.) students collected data from the communities clinical-treatments groups maintaining records of the data for statistical analysis by 'ANOVA' (P<0.01) [22-44,47,48,50].

Observations

The higher secondary (HS) students observed different behavior and attitude of the communities in different ways [22-44,47,48,50].

Science Technology Communication Applications (STCA)

The Students, scholars, researchers, teachers, staff, community, photographers, different scientists, academicians, clinicians, administrators, institutions, farmers, and media personnel, visited making the news and published in different journals [22-44,47,48,50,52].

COVID protocol

The HS students and NGOs organized different social-awareness virtual camps (VC) among the communities in many ways; using masks, cleaning hands with soap, maintaining physical distance, and avoiding touching eyes-nose-mouth, etc [22-44,47,48,50,52-54].

Results

Table 1 showed the impacts of fresh Biomedicines Meals (BMM) on students, guardians, and veteran's family members regarding the infection or reinfection of coronavirus 2 / omicron of the student's community of Kanchannagar D.N. Das High School (HS), Kanchannagar, Burdwan Municipality, Purba Bardhaman, from 8th-April 2021 to 30th-November 2021, and all the data were significant difference by 'ANOVA' (P≤0.01). All the treatment age groups (1 to 99 years) showed the absolute recovery in-home quarantine where active or passive infection or reinfection occurred after vaccination. The guardians of the 20 to 59 years middle age group showed the highest active reinfection after the 2nd-dose of vaccination. The students of the 01 to 19 years early age group received the highest passive infection/reinfection, and the veterans 60-99 late age comorbid patients after the 2nd dose of vaccination get the lowest reinfection.

Special note

In the present 'Manuscript Standing Epitome', it is clearly mentioned, "The present Manuscript mainly focuses on the central idea of the manuscript. The analysis of the data and interpretation of the results are fair. The author has taken care

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of ethical considerations while developing the manuscript. The writing style and language are fair. The references are judiciously used in the manuscript. So, there is no need for any 'Supporting/Supplementary Data Files' provided to support any of the demonstrated results inside the main manuscript.

Discussion

All the clinical-treatments groups showed the absolute recovery only in home quarantine due to treatment with the 100g fresh biomedicines-Booster-Meals (BMBM) which content many active effective phytoconstituents or bioactive compounds, and it provides booster immunity or hard immunity or innate immunity preventing also many diseases; analgesic, diuretic, antifungal, vermifuge, antiulcer, laxative, antiviral, asthma, ulcers, diarrhea, swelling of the mouth or throat, and high cholesterol and hypertension, hepatoprotective and antioxidant activities. It develops the blueprint for potential diagnostics, booster vaccines, and therapeutics against novel coronavirus-2 or omicron or future X-disease, due to presence of new compounds, natural regimens, and add-on therapies effective against SARS-CoV-2/COVID-19 [10-48,51-54], and it is already proved that the okra, the cowpea, fruits cucumber, and spices; ginger and turmeric contain a number of phytomedicines or biomedicine or bio-agents or bionematicides or bioactive or phytomedicines only stand as a suitable and useful against different plants, animals and human diseases caused by pathogens, and recently also have been identified to possess potential against SARS-CoV-2 / COVID-19 with biosafety and biosecurity approaches to restrain/contain and counter SARS-CoV-2/COVID-19 pandemic [41-48,51,55,56].

Only 100g cost-effective fresh biomedicines-booster-meals act as preventive biomedicines, because it is already proved that many plant extract "Synthesis PR-Proteins/Geans Developed Potential Biomedicines-Vaccine against Plants-Diseases and COVID-19" [57-79].

It was remarkable that the less than 20 age group showed as passive coronavirus carrier with absolute recovery. It was remarkable that the below 20-years early students age group showed the highest passive infection/reinfection due to the potential effects of biomedicines meals. The booster-combination (BC) of the cost-effective eco-friendly easily-manufacture-able easily-applicable easily-available, and side-effects-free 'biomedicines-meals (BMM)' not-only-serve as the "Potential-Preventive-Immunity-Booster-Community-Vaccine (PPIBCV) Against Omicron" enriching "Global-Public-Health Forestry-Agriculture-Environment-Biodiversity-Wildlife-Conservation Medical-Research-Science-Technology-Communication-Applications (GPHFAEBWCMRSTCA)" but also it acts-as-the "Nature's-Gift to Human-Disease-Free-Global-Healthy-New-Normal-Life" OR fulfill the "Vaccine-Nationalism-to-Vaccine-Equity-and-Vaccine-Passport" [22-48,51-85].

Future research

In near future, it may be used mainly on "Public-Health-Epidemiology, Infectious-Diseases, and Pharmacology, Toxicology, Clinical-immunology, Clinical, and Bio-Medical-Education, and Pharmaceutical-Research also by developing different-forms-vaccines; ultra-high-diluted, steam-inhalation-therapy, etc., against 'Omicron like variant' OR 'Future-X-Disease' which easily-prepare and distribute enough-vaccines to immunize the world's-population, and opening-a-path for the 'Future-X-Epidemic also' because only boosters can improve immunity, and these biomedicine meals may also be used as ultra-diluted-form about the most important findings of this study and the possible applications of the study in the near future with respect to the human health (medicine is one of the major scopes and aims of the journal [22-48,51-85].

In the 'New Year-2022', this 'Booster-Biomedical Future-Ideas' will be the most 'Potential-Biomedicines' for its; eco-friendliness, side-effects-freeness, cost-effective, easily prepare-ability, easily-availablity, easily-manufacture-ability, easily-equitability, easily-marketability, and easily-supply-ability, etc. extremely ultra-low doses, popular and regular use as traditional-medicines, easily tackle many diseases and complications, use in different pharmacological medicines preparation, extremely low-toxicity, and potential efficacy, many potential different phytochemicals in a diverse range, and develop the best quality biomedical and life-scientific information on all aspects of pharmacology and its analytical nanoparticles studies or proper side-effects free effective medicines or drugs also. The last year has brought us the new 'Omicron' OR 'Future-X-Pandemic'- challenges even as the old ones COVID 19 persist. If anything, these preventive-'Booster Vaccine Future Ideas'enhances innate immunity resisting the entry of SARS-CoV-2, and it has taught us to tackle the ongoing pandemic to rethink differently about any further epidemic challenges and questions where we recently face when it comes to big issues like climate change, gender equality, inflation, and economic measurement also, and only wildlife conservation may be future omicron like preventive epidemic covid-19-model enriched forestry-horticulture-agriculture environment-health-biodiversity science-technology-communication-application-issues. And we will enjoy throughout the year, "Happy New Year 2022!" And it also acts-as-the "Nature's-Gift to Human-Disease-Free-Global-Healthy-New-Normal-Life" OR fulfill the "Vaccine-Nationalism-to-Vaccine-Equity-and-Vaccine-Passport" [11-48,51-85].

Conclusion

The booster-combination-(BC) of only-100g-weeds-vegetables-fruits-spices-(WVFS), is the most cost-effective eco-friendly easily-manufacture-able easily-applicable easily-available, and side-effects-free, eco-friendliness, easily prepare-ability, easily-availablity, easily-manufacture-ability, easily-equitability, easily-marketability, and easily-supply-ability, etc. extremely ultra-low doses, popular and regular use as traditional-medicines, easily tackle many diseases and complications, use in different pharmacological medicines preparation, extremely low-toxicity, and potential efficacy, many potential different phytochemicals in a diverse range, and develop the best quality biomedical and life-scientific information on all aspects of pharmacology and its analytical

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nanoparticles studies or proper side-effects free effective medicines or drugs also. 'biomedicines-meals (BMM)' not-only-serve as the 'Natural-Gift': "Potential-Preventive-Immunity-Booster-Community-Vaccine (PPIBCV) Against Omicron" enriching "Global-Public-Health-Forestry-Agriculture-Environment-Biodiversity-Wildlife-Conservation-Medical-Research-Science-Technology-Communication-Applications (GPHFAEBWCMRSTCA)" but also it acts-as-the "Nature's-Gift to Human-Disease-Free-Global-Healthy-New-Normal-Life" OR fulfill the "Vaccine-Nationalism-to-Vaccine-Equity-and-Vaccine-Passport". And in near future, it may be used mainly on "Public-Health-Epidemiology, Infectious-Diseases, and Pharmacology, Toxicology, Clinical-immunology, Clinical, and Bio-Medical-Education, and Pharmaceutical-Research also by developing different-forms-vaccines; ultra-high-diluted, steam-inhalation-therapy, etc., against 'Omicron-Deltacron-Rupacrone-Bodhicrone-Radhacrone-Futuracrone- like any-'Sister'-variant' OR 'Future-X-Disease' which easily-prepare and distribute-enough-vaccines to immunize the world's-population, and opening-a-path for the 'Future-X-Epidemic also' because-only-boosters-can-improve-immunity, and these preventive-'Booster Vaccine Future Ideas'enhances innate immunity resisting the entry of SARS-CoV-2, and it has taught us to tackle the ongoing pandemic to rethink differently about any further epidemic challenges and questions where we recently face when it comes to big issues like climate change, gender equality, inflation, and economic measurement also, and only wildlife conservation may be future omicron like preventive epidemic covid-19-model enriched forestry-horticulture-agriculture environment-health-biodiversity science-technology-communication-application-issues. And we will enjoy it throughout the year, "Happy New Year 2022!".

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References

1. World Health Organization (WHO) (2022) Enhancing response to Omicron SARS-CoV-2 variant. WHO Bulletin. **Link:** https://bit.ly/3ryIiI3

2. Centers for Disease Control and Prevention (CDC) (2022) Omicron Variant: What You Need to Know. CDC Bulletin, 2022. **Link:** https://bit.ly/3rxFtqw

3. Wadman M (2022) Sudden rise of more transmissible form of Omicron catches scientists by surprise. Science, with reporting by Kai Kupferschmidt.

4. Callaway E, Ledford H (2021) How bad is Omicron? What scientists know so far. **Link:** https://bit.ly/3ozkrWN .

5. Kupferschmidt K, Vogel G (2021) How bad is Omicron? Some clues are emerging, and they're not encouraging. Science 374: 1304-1305. **Link:** https://bit.ly/3oxcKjN

6. Bansal A (2022) Vaccine equity: there is no time to waste. Bull World Health Organ 100: 2-2A. **Link:** https://bit.ly/3uEa1ZT

7. Couzin-Frankel J, Vogel G (2022) Vaccines may cause rare, Long Covid-like symptoms. Science 375: 364-366. **Link:** https://bit.ly/3Jez3m3

8. Lang K (2022) Brief incubation, high viral shedding: COVID-19 human challenge trial results. Medical News. **Link:** https://bit.ly/3owVYRS

9. Singh NA, Kumar P, Jyoti, Kumar N (2021) Spices and herbs: Potential antiviral preventives and immunity boosters during COVID-19. Phytother Res 1-13. **Link:** https://bit.ly/3B39m5n

10. Malabadi RB, Meti NT, Chalannavar RK (2021) Role of herbal medicine for controlling coronavirus (SARS-CoV-2) disease (COVID-19). International Journal of Research and Scientific Innovation (IJRSI) VIII: 136-165. **Link:** https://bit.ly/3Lhorox

11. Rabie AM (2021) Two antioxidant 2,5-disubstituted-1,3,4-oxadiazoles (**CoViTris2020** and **ChloViD2020**): successful repurposing against COVID-19 as the first potent multitarget anti-SARS-CoV-2 drugs. New Journal of Chemistry 2. **Link:** https://rsc.li/35KI2wX

12. Rabie AM (2021) CoViTris2020 and ChloViD2020: a striking new hope in COVID-19 therapy. Mol Divers 25: 1839-1854. **Link:** https://bit.ly/3B2sPTG

13. Rabie A (2022) New Potential Inhibitors of Coronaviral Main Protease (CoV-Mpro): Strychnine Bush, Pineapple, and Ginger could be Natural Enemies of COVID-19. *International Journal of New Chemistry* 9: 433-445.

14. Rabie A (2021) Discovery of Taroxaz-104: The first potent antidote of SARS-CoV-2 VOC-202012/01 strain. J Mol Struct 1246: 131106. **Link:** https://bit.ly/3gt2eWi

15. Rabie A (2021) Potent toxic effects of Taroxaz-104 on the replication of SARS-CoV-2 particles.Chemico-Biological Interactions 343: 109480. **Link:** https://bit.ly/3JbR18V

16. Rabie A (2021) Potent Toxic Effects of Taroxaz-104 on the Replication of SARS-CoV-2 Particles. Chem Biol Interact 343: 109480. **Link:** https://bit.ly/3J5M7Ks

17. Rabie A (2021) Cyanorona-20: The first potent anti-SARS-CoV-2 agent. Int Immunopharmacol 98: 107831. **Link:** https://bit.ly/3slNFt7

18. Rabie A (2021) Discovery of (E)-N-(4-cyanobenzylidene)-6-fluoro-3-hydroxypyrazine-2-carboxamide (cyanorona-20): the first potent and specific anti-COVID-19 drug. Chem Pap 75: 4669–4685. **Link:** https://bit.ly/3shZZuk

19. Rabie A (2021) Discovery of (*E*)-*N*-(4-cyanobenzylidene)-6-fluoro-3-hydroxypyrazine-2-carboxamide (cyanorona-20): the first potent and specific anti-COVID-19 drug. *Chem Pap* 1-17. **Link:** https://bit.ly/3LhFeYn

20. Rabie A (2021) Teriflunomide: A possible effective drug for the comprehensive treatment of COVID-19. Current Research in Pharmacology and Drug Discovery. 2: 100055. **Link:** https://bit.ly/3uOi5Y7

21. Rabie A (2022) Potent Inhibitory Activities of the Adenosine Analogue Cordycepin on SARS-CoV-2 Replication. ACS Omega 7: 2960–2969. **Link:** https://bit.ly/34HOMep

22. Datta SC (2020a) Okra Maybe Potential Cost-Effective Personalized-Biomedicines Social-Vaccine against COVID-19: Improved Immunity Food-Security Green-Economy Science-and-Technology-Communication Applications. Innovative Journal of Medical Sciences 4: 5-20. **Link:** https://bit.ly/3B5ms1L

Citation: Datta SC, Mukherjee R (2022) Only Biomedicines-Meals (BM) Act as the 'Preventive-Immunity-Booster-Community-Vaccine (PIBCV)' Against 'Omicron' Enriching Global-Public-Health Forestry-Agriculture-Environment-Biodiversity-Wildlife-Conservation-Medical-Research-Science-Technology-Communication-Applications (GPHFAEBWCMRSTCA)? Arch Community Med Public Health 8(1): 025-034. DOI: https://dx.doi.org/10.17352/2455-5479.000170

23. Datta SC (2020b) Potential Policy-Developed Global-COVID-19-Vaccine: Enriched Medical Sciences and Technology Green-Socio-Economy. Cross Current International Journal of Medical and Biosciences 2: 143-154.

24. Datta SC (2020c) Intercropped Cowpea Maybe Use as Biomedicine Improved Immunity against COVID-19: Enriching Science and Technology Communication Applications Food Security Economy. Diagnosis and Therapies Complementary and Traditional Medicine 35-48.

25. Datta SC (2020d) Weeds-Vegetables and Fruits Act as Potential Biomedicines against COVID-19: Enriched Agriculture Biodiversity Socio-Economy Science Technology Communications by Controlling Plants Diseases. Journal of Experimental Biology and Agricultural Sciences 8: S139-S157.

26. Datta SC (2021a) Weed-Plant Act as Vaccine against Plant-and-COVID-19 Diseases: Enriched-Agriculture-Health-Development Socio-Economy Sciences-Technology-Communication-Application. International Journal of Pharmaceutical Sciences and Clinical Research 1: 1-17.

27. Datta SC (2021b) Amaranth Plant Protects Climate-Health-Development Socio-Economy Sciences-Technology-Communication: Act as Potential Biomedicine-Vaccine against Plant and 21st Century-Epidemic COVID-19 Diseases. Expert Opinion Environ Biol 10: 1. **Link:** https://bit.ly/3rAv7pK

28. Datta SC (2021c) Dinna Nath Das-Middle English School and –Dispensary Act As a Model: The 21st-Century-Coronavirus-2 Resistance-Futuristic-Common-Ecofriendly-Complex-Green-Digital-School-Health-Ecosystem by Bio-Medicine-Vaccine-Nationalism-Equity-Passport. SunText Rev Arts Social Sci 2: 117-224. **Link:** https://bit.ly/333HRvl

29. Datta SC, Mukherjee R (2021) **High-Diluted-Potential-Internal-Biomedicines Zingiber officinale Extract Prevent 21st-Century Pandemic: Enriched Drugs Health Socio-Economy! United Journal of Internal Medicine** 1: 1-4. **Link:** https://bit.ly/3JcpxQE

30. Datta SC (2021d) Vaccine-Passport Bio-Medicinal-Meals Prevent Reinfection-Coronavirus-2: Improved Global-Health-Clinical-Drug-Discovery-Education-Research Socio-Economy-Science-Technology-Communication-Application! Aditum Journal of Clinical And Biomedical Research 2: 1-7. **Link:** https://bit.ly/3B6VU09

31. Datta SC (2021e) Sustainable Reopening of School Preventing Reinfection-Coronavirus 2 in New-Normal by Vaccine-Nationalism-Equity-Passport with Ginger-Drinks-Bio-Medicinal-Mid-Day-Meals! International Journal of Research-Granthaalayah 9: 165-170. **Link:** https://bit.ly/34nXrmE

32. Datta SC (2021f) High-Diluted-Biomedicines Turmeric Extract (TE) Act As Preventive Policy- Developer-Potential-21st-Century-Pandemic COVID 19 Vaccines: Achieved Community-Medicine-Public-Health-Ecology-Green-Socio-Economy-Welfare-Science-Innovations–Technology-Communication-Applications-Issues! Arch Com Med Pub Heal 7: 164-174.

33. Datta SC, Datta B (2022) Biomedicines-Meal (BMM) and Ultra-High-Diluted-Biomedicines-Turmeric (UHDBMT) Treat as 'Community-Booster-Vaccine Standard-Model' (CBVSM), The 'God-Particle' (GP) of 'Future-X-Pandemic' (FXP): Enriched Family-Medicine-Agriculture-Environment-Science-Technology-Communication-Issues! Int J Fam Commun Med 6: 1-9. **Link:** https://bit.ly/34JKfbH

34. Datta SC (2022a) Immediate Apply 'Emergency-Oral-Vaccine' of 'Omicron' Enriched' 'Cilinical-Global-HealthMedical-Research-Science-Technology-Communication-Application-Issue'. Scientific Research Journal of Applied Sciences 2: 12-23.

35. Kumar DS, Tony DE, Kumar AP, Kumar KA, Rao DB, et al. (2013) A review on: Abelmoschus esculentus (OKRA). Int Res J Pharm Appl Sci 3: 129-132. **Link:** https://bit.ly/3LhFd6X

36. National Horticulture Board, Ministry of Agriculture, Government of India. Anonymous (2015) Indian Horticulture Database. Gurgaon: National Horticulture Board, Ministry of Agriculture, Government of India. **Link:** https://bit.ly/3JaPaB9

37. Gemede HF, Ratta N, Haki GD, Woldegiorgis AZ, Beyene F (2015) Nutritional quality and health benefits of okra (Abelmoschus esculentus): A review. J Food Process Technol 6: 458. **Link:** https://bit.ly/3uEa8Vj

38. Sindhu RK, Puri V (2015) Phytochemical, nutritional and pharmacological evidences for Abelmoschus esculentus (L.). J Phytopharmacol 5: 238-241. **Link:** https://bit.ly/35QBVHr

39. Lybrate (2020) Benefits of Okra and Its Side Effects. **Link:** https://bit.ly/3B6ZLdJ

40. Savello PA, Martin FW, Hill JM (1980) Nutritional composition of okra seed meal. J Agric Food Chem 28: 1163-1166. **Link:** https://bit.ly/3HAGPGJ

41. Arshad MS, Khan U, Sadiq A, Khalid W, Hussain M, et al. (2020) Coronavirus disease (COVID-19) and immunity booster green foods: A mini review. Food Sci Nutr 8: 3971-3976. **Link:** https://bit.ly/338hh4M

42. Dhama K, Khan S, Tiwari R, Sircar S, Bhat S, et al. (2020a) Coronavirus Disease 2019-COVID-19. Clin Microbiol Rev 33: e00028-20. **Link:** https://bit.ly/335P4LP

43. Dhama K, Natesan S, Yatoo MI, Patel SK, Tiwari R, et al. (2020b) Plant-based vaccines and antibodies to combat COVID-19: Current status and prospects. Hum Vaccin Immunother 16: 2913-2920. **Link:** https://bit.ly/3LhSqwI

44. Divya M, Vijayakumar S, Chen J, Vaseeharan B, Durán-Lara EF (2020) A review of South Indian medicinal plant has the ability to combat against deadly viruses along with COVID-19?. Microbial Pathogenesis 148: 104277. **Link:** https://bit.ly/3st2HgZ

45. Drug Target Review (2020) COVID-19 research hub, 2020. **Link:** https://bit.ly/34LTNTC

46. Editorials (2020) Covid-19: Managing the Surge. Innovations in Care Delivery, NEJM Catalyst Collection, 22nd July2020: 1-97. Journal of Experimental Biology and Agricultural Sciences **Link:** http://www.jebas.org.

47. Govender N (2020) Amaranth – an Aid to Eating and Staying Healthy during COVID-19.News, Science and Indigenous Knowledge Education in UKZN's School of Education. **Link:** https://bit.ly/334bNrC

48. Ahmad T, Haroon, Dhama K, Sharun K, Khan FM, et al. (2020) Biosafety and biosecurity approaches to restrain/contain and counter SARS-CoV-2/COVID-19 pandemic: a rapid-review. Turk J Biol 44: 132-145. **Link:** https://bit.ly/3rAZ1ul

49. Callaway E (2021) Omicron likely to weaken COVID vaccine protection. Nature. **Link:** https://bit.ly/35YxjPJ

50. Datta SC (2021d) Students Act as 21st Century Preventive-Pandemic-COVID-19 Model: Improved Advance-Clinical-Toxicology Biomedicine Green-Socio-Economy Science-Technology-Innovations. Advances in Clinical Toxicology 6: 000204. **Link:** https://bit.ly/3LgTX5U

51. Food and Drug Administration (FDA) (2022) Food safety and the coronavirus disease 2019 (COVID-19). **Link:** https://www.fda.gov/food/food-safety-during-emergencies/food-safety-and-coronavirus-disease-2019-covid-19.

52. Datta SC (2022a) Only wildlife conservation may be future omicron like-preventive-epidemic-covid-19-model enriched forestry-horticulture-agricultureenvironment-health-biodiversity-science-technology-communication-application-issues. Hort Int J 6: 6-9. **Link:** https://bit.ly/3srWcuA

53. Datta SC (2020e) NGO Act as Potential-Policy-Developer Social-Vaccine-COVID-19 Epidemic-Model until Discovery-of-Medical-Vaccine: Achieved Green-Socio-Economic Welfare Science Technology Innovations. Arch Community Med Public Health 6: 225-232.

54. Datta SC (2020f) Artificial-Nest Rainwater-Harvesting with Fishery and Floating-or-Rooftop-Gardening Act as 21st Century Civil-Engineering COVID-19 Epidemic-Model: Improved Biodiversity Agriculture Socio-

Citation: Datta SC, Mukherjee R (2022) Only Biomedicines-Meals (BM) Act as the 'Preventive-Immunity-Booster-Community-Vaccine (PIBCV)' Against 'Omicron' Enriching Global-Public-Health Forestry-Agriculture-Environment-Biodiversity-Wildlife-Conservation-Medical-Research-Science-Technology-Communication-Applications (GPHFAEBWCMRSTCA)? Arch Community Med Public Health 8(1): 025-034. DOI: https://dx.doi.org/10.17352/2455-5479.000170

Economic Environmental-Sciences Technology-Communication. Journal of Civil Engineering and Environmental Sciences 6: 022-036. **Link:** https://bit.ly/3GxxdLl

55. Datta SC (2020f) Enriched Science and Technology Communication Economy in Agriculture by Use of Acacia sides as Potential Bio-Agents against Various Pathogens.Advances in Agriculture, Horticulture and Entomology 2: 1-13. **Link:** https://bit.ly/33ajl6Y

56. Datta SC (2020g) Discovery of COVID-19 Vaccine by Using Acaciades as a Phytomedicine Improving Science and Technology Communication Applications- An Ideas. Open Access Journal of Biogeneric Science and Research 2: 1-30. **Link:** https://bit.ly/3J5Nnxa

57. Datta SC (2020h) Acacia auriculiformis-Extract Synthesis PR-Proteins Developed Potential Biomedicines-Vaccine against Okra-Diseases and COVID-19: Improved Science Technology Communications Bio-Economy Applications. The International Journal of Research –Granthaalayah 8: 249-270. Link: https://bit.ly/3LifcEv

58. Datta SC (2020i) Biomedicines-Aakashmini Cost-Effective COVID-19 vaccine: Reduced Plant-Diseases Enriched Science Technology Communications Socio-Economy Bio-Applications. Global Journal of Bioscience and biotechnology 9: 127-144. **Link:** https://bit.ly/3gMA60J

59. Datta SC (2020) Cina-Pretreatments Act as Potential-Biomedicine-Vaccine against COVID-19 and Okra-Plant-Diseases: Synthesis PR-Proteins Increased-Immunity Improved Biomedicines-Economy Applications Science-Technology-Communications. International Journal of Ayurveda 5: 05-26. **Link:** https://bit.ly/33ajJb2

60. Datta SC (2020k) Homeopathic Medicines Aakashmoni Will Be the Best Vaccine Against COVID-19: Enriching Agriculture Science and Technology Communication Mechanism Application Issues!" for publication in the International Journal of Research –GRANTHAALAYAH. 8: 333-361. **Link:** https://bit.ly/3rzQwzJ

61. Datta SC (2021e) Immediate apply cost-effective easily preparable-available 21st century potential –ayurvedic-herbal-integrative-medicine-vaccine of COVID-19: achieved agriculture healthcare-socio-economy science technology communication mechanism! International Journal of Research-Granthaalayah 9: 227- 247 . **Link:** https://bit.ly/3gsSonm

62. Datta SC (2021f) High-Diluted Pharmacological-Potential Biomedicines Prevent 21st Century COVID-19 Like Pandemic: Improved Drugs-Research Biodiversity Agriculture Socio-Economy. Editorial, American Journal of Pharmacology 4: 1031. **Link:** https://bit.ly/3GDaIES

63. Datta SC (2021g) Amaranth Plant Protects Climate-Health-Development Socio-Economy Sciences-Technology-Communication: Act as Potential Biomedicine-Vaccine against Plant and 21st Century-Epidemic COVID-19 Diseases. Expert Opinion Environ Biol 10: 1.

64. Datta SC (2021h) 21st-Century Preventive Non-Medicinal-COVID-19-Students-Model: Improved Med Life Clinics Sciences Technology Communication. Med Life Clin 3: 1029. **Link:** https://bit.ly/3owvbFs

65. Datta SC (2021i) Nematode Extract and Acaciasides Use as Preventive Biomedicines Against Plant Diseases: Improved Earth-Environmental-Health-Research Science-Technology-Communication and May be Controlled 21st-Century Pandemic Diseases! Eart Envi Sci Res Rev 4: 55-60. **Link:** https://bit.ly/3GECUHn

66. Datta SC (2021j) Animal-Biomedicine Controls Root-Knot-Disease in Lentil-Callus-Culture: Enriched Advanced-Clinical-Toxicology Socio-Economy Science-Technology-Communication by Preventing 21st–Century-COVID-19-Like-Pandemic-Diseases. Advances in Clinical Toxicology 6: 000214. **Link:** https://bit.ly/3GxxkGL

67. Datta SC (2021k) Biomedicines Suppress Root-knot Disease of Tomato and Coronavirus-Like-Pandemic-Diseases: Improved Agriculture Green-Socio-Economy Aquatic-Science-Technology-Communication!. Journal of Agriculture and Aquatic Science 1: 08-10.

68. Datta SC (2021l) Enriched Agriculture Horticulture Science Technology Socio-Economy-Communication-Issue by Biomedicines Suppressing Tomato-Disease and Coronavirus2-Like-Pandemic-Diseases! Journal of Agriculture and Horticulture Research 4: 74-77. **Link:** https://bit.ly/3J8U1mv

69. Datta SC (2021m) Genetic Basis of Nematode Extract May Be Preventive-Biomedicines Against Coronovirus-2 by Controlling Root-Knot-Disease of Cowpea-Root-Callus: Enriched Agriculture Clinical Medical-Science-Technology-Communication! Glob J Clin Medical Cas Rep 1: 010-018. **Link:** https://bit.ly/34CcWam

70. Datta SC (2021n) Animal-Biomedicines Prevent Disease of Tomato and Coronavirus-Like-Pandemic-Diseases: Enriched Agriculture Socio-Economy Science-Technology-Communication-Issues! Merit Research Journal of Microbiology and Biological Sciences 9: 1-4.

71. Datta SC (2021o) High-Diluted-Biomedicines Turmeric Extract (TE) Act As Preventive Policy- Developer-Potential-21st-Century-Pandemic COVID 19 Vaccines: Achieved Community-Medicine-Public-Health-Ecology-Green-Socio-Economy-Welfare-Science-Innovations–Technology-Communication-Applications-Issues! Arch Com Med Pub Heal 7: 164-174. **Link:** https://bit.ly/3HEtrBm

72. DattaSC (2021p) Genetic effects of the biomedicines Gall MT (GMT) on advanced agronomy-plant-breeding-horticulture-environment socio-economy green-science-technology-communication-issues by preventing okra root-knot and COVID-19! Adv Agro Pl Breed Hort 9: 1-14.

73. Datta SC (2021q) Genetic Effects of Ultra-High-Diluted-Biomedicines Gall 30C, Gall 200C, and Gall 1000C May Be a Vaccines Against Plant and COVID-19 Diseases: Improved Agriculture-Health-Medical-Pharmaceutical-Science-Technology-Communication-Issues! Journal of Drug Research and Development 7. **Link:** https://bit.ly/3Bjxv7X

74. Datta SC (2021r) Genes of Gall 200C and Nematode 200C May Develop Biomedical Vaccines Against Plants and COVID-19 Diseases: Advanced Medical Science Technology Agriculture Health Issues. Journal of Biomedical and Life Sciences 1: 22-37. **Link:** https://bit.ly/3rysYej

75. Datta SC (2021s) Biomedicines Improved Food-Security Sustainability Agriculture-Biodiversity Socio-Economy Science-Technology-Communication: Preventing Root-Callus, Plant-Diseases and COVID-19! LJMHR 21.

76. Datta SC (2021t) 21st-Century Preventive Non-Medical-COVID19-Students-NGO- Model. 1stedn. LAP LAMBERT Academic Publishing, Editor: Ijardan 100.

77. Datta SC (2021u) Artemisia nilagirica will Be the Best Vaccine against Okra and COVID-19: Enriched Agriculture Medical-Science Technology-Mechanism Applications! IASR Journal of Medical and Pharmaceutical Science (IJMPS) 1: 26-43. **Link:** https://bit.ly/3Jb9Mt3

78. Datta SC (2021v) Mulberry-Gall MT (MGMT) Biomedicines Maybe Act as a Vaccine Against Coronavirus-2 and Mulberry Pathogens: Advancing Sericulture-Agriculture-Agro-Forestry-Environment-Biodiversity-Wildlife-Conservation-Science-Technology-Communication! Agricultural Research Pesticides and Biofertilizers 2.

79. Datta SC (2021w) Economic okra plant act as a preventive-COVID-19 vaccine advanced horticulture agriculture environment biodiversity conservation science technology communication applications issues. Hort Int J Med 5: 211-220. **Link:** https://bit.ly/34jNo27

80. Datta SC (2021x) Owls and Bats Act as Future 'Wild X-Disease' Preventive COVID-19 Non-Medicated Vaccine: Improved Global-Health-Forestry-Agriculture-Environment-Science-Technology-Communication! Global Journal of Science Frontier Research: C Biological Science (GJSFR-C). 21. **Link:** https://bit.ly/3rxckf4

81. Datta SC (2021y) Bats Act as a Natural-Booster-Family-Vaccine-Immunization Against COVID-19: Provide Preventive-Family-Health-Care-Health-Risk-Services-Healthy-Lifestyle Enriched-Wildlife-Conservation-Agriculture-

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Forestry-Science-Technology-Communication-Application-Issues! Journal of Family Medicine 8: id1279.

82. Datta SC (2021z) Bats Act as a Natural-Booster-Community-Vaccine Against COVID-19IASR Journal of Medical and Pharmaceutical Science (IJMPS) 1: 13-25. **Link:** https://bit.ly/3ownA9R

83. Datta SC (2021za) Wildlife Conservation May Be Future Preventive Epidemic COVID-19 Model: Enriched Forestry-Horticulture-Agriculture-Environment-Health-Biodiversity-Science-Technology-Communication-Application-Issues! Hort Int J.

84. Datta SC (2021zb) Wildlife-Owl-Conservation May be Immunized-Community Against 'Future-Disease-X': Provide Clue Clinical-Biomedical-Research Global-Health-Enriched-Biodiversity-Forestry-Agriculture-Environment-Science-Technology-Communication-Issues! Aditum Journal of Clinical and Biomedical Research 3.

85. Datta SC (2021zc) Wildlife Conservation Act as Future Clinical-Medical Images-Case Reports of COVID-19 Model: Enriched Forestry-Horticulture-Agriculture-Environment-Health-Biodiversity-Medical-Science-Technology-Communication-Application-Issues! Hort Int J 6: 6-9. **Link:** https://bit.ly/338jXzo

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